

Form PTO-1449				ATTY. DOCKET NO. 1190-0576P	APPLICATION NO. 10/633,650		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT Kyosuke YOSHIMOTO et al			
				FILING DATE August 5, 2003	GROUP Unassigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
B	US 5,241,531	A	1993-08-31	Ohno et al	✓	✓	
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
FOREIGN PATENT DOCUMENTS							
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
							YES
U	JP 4-176058	A	1992-06-23	JAPAN	✓	✓	
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)							
EXAMINER	Trang V. Tran			DATE CONSIDERED	08/06/04		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small>				APPLICANT Kyosuke YOSHIMOTO et al				
				FILING DATE August 5, 2003	GROUP 2653			
U.S. PATENT DOCUMENTS								
EXAMINER	TRADEMARK OFFICE	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
		US 5,140,580		8/18/1992	Ohara et al.			
		US 5,623,472		4/22/1997	Bakx et al.			
		US						
		US						
		US						
		US						
		US						
		US						
		US						
FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
JP	03-171437	A	7/24/1991	Japan			Yes	
JP	03-091124	A	4/16/1991	Japan			Abs	
JP	03-019162	A	1/28/1991	Japan			Yes	
JP	02-061834	A	3/1/1990	Japan			Abs	
JP	64-037745	A	2/8/1989	Japan			Abs	
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)								
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Sheet 1 of 5 Form PTO-1449							ATTY DOCKET NO. 1190-0576P	APPLICATION NO. None <i>10/633,650</i>			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)							APPLICANT Kyosuke YOSHIMOTO et al.				
							FILING DATE July 31, 2003	GROUP <i>2650</i> Unassigned			
U.S. PATENT DOCUMENTS											
EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>JL</i>	5	2	1	4	6	2	7	5/1993	Nakashima et al.		
	5	1	7	3	8	8	6	12/1992	Satoh et al.		
	4	8	7	3	6	7	9	10/1989	Murai et al.		
	5	2	5	5	2	6	1	10/1993	Iida et al.		
	5	3	0	5	3	0	2	4/1994	Hardwick		
	4	8	1	9	2	1	8	4/1989	Barnard		
	5	2	3	3	5	7	6	8/1993	Curtis et al.		
	5	2	6	5	2	3	0	11/1993	Saldanha et al.		
	5	1	3	8	5	9	9	8/1992	Fukushima et al.		
	5	1	8	5	7	3	3	2/1993	Finkelstein et al.		
<i>JL</i>	4	9	8	4	2	3	0	1/1991	Satoh et al.		
FOREIGN PATENT DOCUMENTS										TRANSLA-TION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
	DOCUMENT NUMBER				DATE	COUNTRY		CLASS	SUB CLASS		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)											
<i>JL</i>	J. E. Kulakowski, "Logical Track Format on Banded Media", 02/04/92, pp. 1-9, 20-22										
	European Computer Manufacturers Association, "Data Interchange on 130 mm Optical Disk Cartridges 2 G Byte Cartridge Capacity", 10/28/92, pp. 63-66										
EXAMINER	<i>Thang V. Tran</i>				DATE CONSIDERED					<i>08/06/04</i>	
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								APPLICANT Kyosuke YOSHIMOTO et al.	
								FILING DATE July 31, 2003	GROUP 2653 Unassigned

U.S. PATENT DOCUMENTS												
EXAMINE R INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
<i>W</i>	5	2	4	7	4	9	4	9/1993	Ohno et al.	—	—	
1	5	2	7	8	8	1	5	1/1994	Mashimo et al.	—	—	
	4	8	2	7	4	6	2	5/1989	Flannagan et al.	—	—	
	4	8	1	1	1	2	4	3/1989	Dujari et al.	—	—	
	4	7	9	7	7	5	2	1/1989	Giddings	—	—	
	5	3	2	1	6	7	3	6/1994	Okazaki	—	—	
	5	0	4	0	1	1	0	8/1991	Miki et al.	—	—	
	5	2	7	0	8	8	5	12/1993	Satoh et al.	—	—	
	5	2	4	5	5	9	4	9/1993	Shimizu	—	—	
	5	2	0	2	7	9	9	4/1993	Hetzler et al.	—	—	
<i>EZ</i>	5	4	1	8	7	7	3	5/1995	Bakx et al.	—	—	

FOREIGN PATENT DOCUMENTS													
	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
												YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)												
EXAMINER	<i>Phuong V. Tran</i>					DATE CONSIDERED		<i>08/06/04</i>				
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		APPLICANT Kyosuke YOSHIMOTO et al.	
		FILING DATE July 31, 2003	GROUP <i>2053</i> UNASSIGNED

U. S. PATENT DOCUMENTS

EXAMINER INITIA L	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>AK</i>	5 5 9 2 4 5 2	01/07/1997	Yoshimoto et al.	—	—	
	5 7 1 7 6 8 3	02/10/1998	Yoshimoto et al.	—	—	
	4 8 6 2 2 9 5	08/1989	Tanaka, et al.	—	—	
	4 8 7 5 2 0 2	10-1989	Kodo, et al.	—	—	
<i>AK</i>	5 3 1 5 5 6 8	05-1994	Dente, et al.	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>AK</i>	2nd Draft Proposed Standard ECMA, "Data Inter Change on 130mm Optical Disk Cartridges of the Read Only and Rewritable Type - Extended Capacity-", March 1992
<i>AK</i>	1st Draft Proposed Standard ECMA, "Information Technology - 230MB Capacity 90mm Optical Disk Cartridges, Rewritable and Read Only, for Data Interchange", January 1993
<i>AK</i>	3rd Draft Proposal Standard ECMA, "Information Interchange on Second Generation 130mm Optical Disk Cartridges, Rewritable and Worm, Using the Magneto-Optical Effect, and Read Only", September 1992
<i>AK</i>	4th Draft Proposed Standard ECMA, "Data Interchange on 130mm Optical Disk Cartridges 2 GByte per Cartridge Capacity", 1992
<i>AK</i>	ECMA Agenda for the 29th Meeting of TC31, 28th-30th October 1992
<i>AK</i>	Standard ECMA-154, "Data Interchange on 90mm Optical Disk Cartridges, Read Only and Rewritable, M.O.", June 1991

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U.S. PATENT DOCUMENTS												
EXAMINER INITIA L	DOCUMENT NUMBER						DATE	NAME		CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>AS</i>	5	2	1	0	7	3	4	5/93	SAKURAI	369	32	
	5	8	0	5	5	6	4	9/98	KOBAYASHI et al.	369	275.3	
	5	4	0	4	3	5	7	4/95	ITO et al.	371	21.2	
	5	4	3	4	9	9	1	7/45	MAEDA et al.	369	32	
	5	8	0	6	9	7	9	3/99	Moribe et al.	369	275.3	
<i>AS</i>	5	8	5	4	7	7	8	12/98	Shimizu et al.	369	275.3	
FOREIGN PATENT DOCUMENTS												
	DOCUMENT NUMBER						DATE	COUNTRY		CLASS	SUB CLASS	TRANSLATION
<i>AS</i>	H01	1	4	4	2	1	9	1989-06-06	JAPAN	<u> </u>	<u> </u>	x
	4	2	0	6	1	5		1992-02-20	JAPAN	<u> </u>	<u> </u>	x
	4	1	3	2	7	6		1992-01-17	JAPAN	<u> </u>	<u> </u>	Abs
	2	1	4	1	9	7	3	1990-05-31	JAPAN	<u> </u>	<u> </u>	Abs
	6	2	2	0	1	4	1	1987-01-28	JAPAN	<u> </u>	<u> </u>	Abs
	2	1	5	2	0	3	1	1990-06-12	JAPAN	<u> </u>	<u> </u>	Abs
	2	1	7	9	9	7	1	1990-07-12	JAPAN	<u> </u>	<u> </u>	Abs
	5	0	6	8	0	3	4	1975-06-07	JAPAN	<u> </u>	<u> </u>	x
	2	2	3	5	7	6		1990-01-25	JAPAN	<u> </u>	<u> </u>	Abs
	3	3	4	1	5	8		1991-02-14	JAPAN	<u> </u>	<u> </u>	Abs
	4	6	6	7	2			1992-01-10	JAPAN	<u> </u>	<u> </u>	Abs
<i>AS</i>	2	2	7	8	4	1	7	1990-11-14	JAPAN	<u> </u>	<u> </u>	Abs
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